

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
5 August 2004 (05.08.2004)

PCT

(10) International Publication Number  
**WO 2004/065662 A1**

(51) International Patent Classification<sup>7</sup>: C25B 11/02

(21) International Application Number:  
PCT/EP2004/000460

(22) International Filing Date: 21 January 2004 (21.01.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
MI2003A000106 24 January 2003 (24.01.2003) IT

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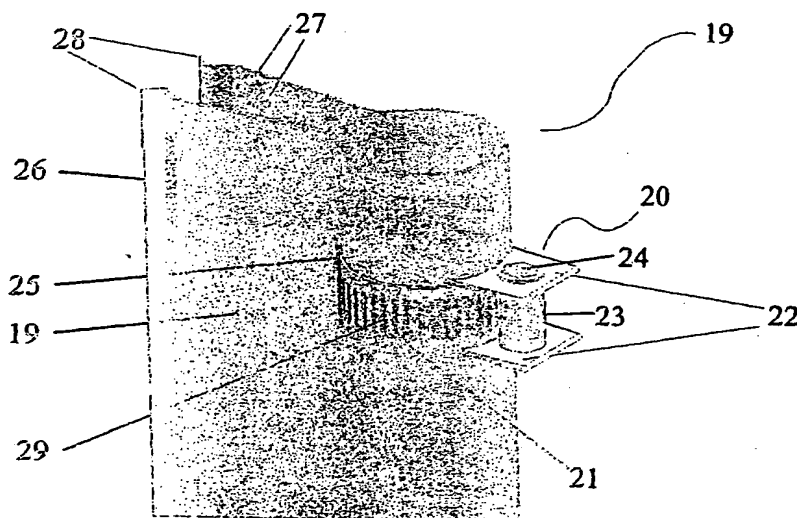
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(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-  
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,  
GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,  
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,  
ML, MR, NE, SN, TD, TG).

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(54) Title: EXPANDABLE ANODES FOR CHLOR-ALKALI DIAPHRAGM CELLS



(57) Abstract: The invention concerns a novel adjustable elastic element (19) for forcing the surfaces of expandable-type anodes for diaphragm chlor-alkali cells. In an embodiment of the invention such element consists of a U-shaped elastic sheet provided with at least one adjusting mechanism comprising both one collar (29) which fastens the elastic sheet through openings obtained in the sheet itself and one gear (23) connectable to a removable external tool consisting of a handle and a shaft. By turning the tool, a rotation of the gear is produced, in its turn acting on the collar controlling the span of the anode surfaces. Such span is freely adjustable in order to establish a predetermined controlled gap between anode and finger-supported diaphragm surfaces, or alternatively in order to bring such surfaces in contact without introducing however a useless and hazardous compression.

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